

SKOPE REFRIGERATION REFERENCE SITES

Aged Care

- Arrunga at Ermington- Sydney, NSW
- Bathurst Nursing Home - Kelso, NSW
- Brotherhood of St Laurence – Fitzroy, VIC
- Bupa Tamworth - Tamworth, NSW
- Chesalon Care Malabar - Malabar, NSW
- Community Chef - Melbourne, VIC
- Frank Whiddon Masonic Nursing Home - NSW
- Homewood Care – NSW
- Our Lady of Loreto Gardens - NSW
- Presbyterian Age Care – NSW, ACT
- Regional Meals on Wheels Kitchen, Victoria, VIC
- Torbay Aged Care and Retirement Village - QLD
- Uniting Care – Nambucca Heads, NSW
- Uniting Care – Port Maquarie, NSW

Airports

- Adelaide Airport - Adelaide, SA
- Air NZ Koru Club Lounge - NZ
- Amberley Air Base - Amberley, QLD
- Auckland Airport – Auckland, NZ
- Christchurch Airport - Christchurch, NZ
- Coolangatta Airport - Gold Coast, QLD
- Dubai International Airport – Dubai, UAE
- Emirates Airport Lounge – CHCH, VIC, WA
- Melbourne Airport - Melbourne, VIC
- Qantas Club – QLD, WA
- Queenstown Airport - Queenstown, NZ
- Sunshine Coast Airport - Maroocha, QLD
- Sydney Airport - Sydney, NSW
- Wellington Airport - Wellington, NZ

Clubs

- Bankstown Sports Club - Bankstown, NSW
- Baulkham Hills Sports Club - Baulkham Hills, NSW
- Belmont 16ft Sailing Club Ltd - Belmont, NSW
- Blacktown Workers Club - Blacktown, NSW
- Burleigh Sports Club - Gold Coast, QLD
- Cable Beach Club - Broome, WA
- Cabra Vale Diggers Club - Canley Vale, NSW
- Cabramatta Bowling Club – Cabramatta, NSW
- Cairns Yacht Club - Cairns, QLD
- Canberra Southern Cross Club - Phillip, ACT
- Cashmere Club, Christchurch, NZ
- Castle Hill RSL Club - Castle Hill, NSW
- East's Leagues Club – NSW, QLD
- Fitness First - Sydney, NSW
- Growling Frog Golf Club - Melbourne, VIC
- Lions Club - Brisbane, QLD
- Mooney Mooney Workers Club - NSW
- Mossman Memorial Bowls Club - Mossman, QLD
- Mounties - Mt Pritchard, NSW
- Nambucca Heads RSL Club - NSW
- National Wine Centre - Adelaide, SA
- Noosa Heads Surf Club - Noosa Heads, QLD
- North Burleigh Surf Club - Gold Coast, QLD
- North Ryde RSL Club - North Ryde, NSW
- Northcliffe Surf Club - Surfers Paradise, QLD
- Onehunga Bowling Club - Auckland, NZ
- Pacific Harbour Golf & Country Club - QLD
- Pittwater RSL Club - Mona Vale, NSW
- Queensland Club - Brisbane, QLD
- QLD Rugby Club - Brisbane, QLD
- RACV Healesville Country Club - Healesville, VIC
- Ringwood RSL - Ringwood, VIC
- Riversdale Golf Club – Mt Waverley, VIC
- Rooty Hill RSL Club - Rooty Hill, NSW
- Royal Sydney Golf Club – Sydney, NSW
- Southport Surf Club - Southport, QLD
- St George Leagues Club - Kogarah, NSW
- St Johns Bowling Club – NSW
- St Kilda Football Club - Melbourne, VIC

- St Marys Leagues Club - St Marys, NSW
- The Australia Club – Sydney, NSW
- Titans Centre of Excellence – Gold Coast, QLD
- Tuncurry Bowling Club - Tuncurry, NSW
- Wests Illawarra Leagues Club - Unanderra, NSW
- Wine Society - Broadway, NSW

Corporate

- Bank of New Zealand – New Zealand
- BTIM Investment Management - QLD
- Commonwealth Bank of Australia - Sydney, NSW
- Energex – Brisbane, QLD
- George Weston Foods – North Ryde, NSW
- Hewlett Packard - Sydney, NSW
- Lehmann Brothers - Sydney, NSW
- Microsoft – Sydney, NSW
- Telecom - Wellington, NZ
- Uniting Group Ltd - Sydney, NSW
- Water Farms Australia Pty Ltd - Babinda, QLD

Education

- Bass Hill High School - Bass Hill, NSW
- Bellingen High School
- Bossley Park High School - Bossley Park, NSW
- Burwood Catholic Vocational College - NSW
- Dandenong College of TAFE - Dandenong, VIC
- De La Salle College – Cronulla, NSW
- Geraldton Senior College - Perth, WA
- Gungahlin College – Gungahlin, NSW
- Hamilton TAFE - Hamilton, NSW
- Kangan Batman TAFE - Somerton, VIC
- Kingsgrove High School - Kingsgrove, NSW
- LaTrobe University - Bundoora, Victoria
- Lincoln University – Christchurch, NZ
- Macquarie University - North Ryde, NSW
- Melbourne University - Melbourne, VIC
- Monash University - Melbourne, VIC
- Mudgee College TAFE - Mudgee, NSW
- Nambucca High School
- Patrician Brothers College - Fairfield, NSW
- Penrith Anglican College – NSW
- Restaurant Association Training Kitchen - NZ
- Rosebank College - Five Dock, NSW
- St Andrew's Anglican College – QLD
- Sydney Boys High School - Sydney, NSW
- Sydney Catholic Vocational College – Burwood, NSW
- The Bancroft Centre - Herston, QLD
- University of Canterbury – Christchurch, NZ
- University of New South Wales - Sydney, NSW
- UTS Union Function Centre - Sydney, NSW
- Wynn West SHS - Brisbane, NSW

Entertainment

- AAMI Stadium - Melbourne VIC
- Adelaide Casino - Adelaide, SA
- Adelaide Entertainment Centre - Adelaide, SA
- Albion Park - Shellharbour, NSW
- AMI Stadium - Christchurch, NZ
- ANZ Stadium - Brisbane, QLD
- Australian War Memorial – ACT
- BNZ Stadium - Wellington, NZ
- Brisbane Entertainment Centre - Brisbane, QLD
- Brookvale Oval – Manly, NSW
- Challenge Stadium - Mt Claremont, WA
- Christchurch Casino – Christchurch, NZ
- Conrad Jupiters Gold Coast Casino - QLD
- Dairy Farmers Stadium - Townsville, QLD
- Eden Park Stadium - Auckland, NZ
- Energy Australia Stadium Western Grandstand - NSW
- Gold Coast Convention Centre - QLD
- International Cricket Hall of Fame - NSW
- Melbourne Cricket Ground - East Melbourne, VIC

- Melton Harness Racing & Entertainment Complex - VIC
- Member's Equity Stadium - Perth, WA
- Metricon Stadium - Gold Coast, QLD
- NZI Room Aotea Centre - Auckland, NZ
- Performing Arts Centre - Perth, WA
- Perth Convention Centre - Perth, WA
- Prince Alfred Park & Pool – Surry Hills, NSW
- Queensland Performing Arts Centre - QLD
- Robina Cinemas - Robina, QLD
- Rod Laver Arena - Melbourne, VIC
- Skilled Stadium - Geelong, VIC
- Sky City - Auckland, NZ
- Star City Casino – NSW, NT
- Subiaco Oval Stadium - Perth, WA
- Sydney Cricket Ground, Sydney, NSW
- Te Papa Museum - Wellington, NZ
- Vector Arena - Auckland, NZ
- Waikato Stadium - Hamilton, NZ

Food Chains

- Burger Fuel
- Eagle Boys Pizza Solution Stores - Australia
- KFC
- Marks & Spencer – Dubai, UAE
- McDonald's
- Myer Melbourne - Melbourne, VIC
- Pita Pit
- Sara Lee – NZ, NSW, QLD

Government

- Accenture - North Sydney, NSW
- Attorney General's Department - ACT
- Australian Equine and Livestock Events Centre - NSW
- Blacktown City Council - Blacktown, NSW
- Centrelink - ACT
- DEEWR Offices – Canberra, ACT
- Department of Justice - Perth, WA
- Ennoggera Army Barracks - Enoggera, QLD
- Family Court of Australia - Parramatta, NSW
- Government House - Wellington, NZ
- Holroyd City Council - Merrylands, NSW
- Kapooka Barracks – Kapooka, NSW
- Lotus Glen Correctional Centre - Mareeba, QLD
- Road Traffic Authority - NSW
- Royal Australian Air Force – NSW
- The Law Society – Sydney, NSW
- Willoughby City Council - Willoughby, SA
- Wollongong City Council - Wollongong, NSW

Hospitals

- Broome Hospital - Broome, WA
- Christchurch Hospital, Christchurch, NZ
- Denmark Hospital - Denmark, WA
- Fairfield Hospital - Prairiewood, NSW
- Greenslopes Private Hospital - Greenslopes, QLD
- Hollywood Private Hospital - Perth, WA
- Middlemore Hospital - Auckland, NZ
- Norwest Private Hospital – Norwest, NSW
- Orange Hospital – Orange, NSW
- Prince of Wales Hospital - Randwick, NSW
- Red Cross Blood Bank - QLD
- Royal Brisbane Hospital - Brisbane, QLD
- Royal Freemasons Hospital Florence Nursing Home - VIC
- Royal North Shore Hospital – St Leonards, NSW
- Royal Prince Alfred Hospital - Camperdown, NSW
- St George Hospital - Kogarah, NSW
- St Vincent's Private Hospital - Darlinghurst, NSW
- The Royal Children's Hospital - Melbourne, VIC
- Westmead Hospital - Westmead, NSW

Hotels / Resorts

- ALH – NSW, QLD

- Burswood Resort and Casino - Burswood, WA
- Central Hotel - Surry Hills, NSW
- Citygate Sebel - Sydney, NSW
- Crowne Plaza - Papua New Guinea
- Fiji Hilton - Fiji
- Gladstone Hotel - Dulwich Hill, NSW
- Hilton Hotel - NZ, NSW, QLD
- Laucala Island Resort - Fiji
- Langham, Auckland, NZ
- Links Hope Island - Hope Island, QLD
- Maldives Regent - Maldives
- Mantra Pandanas Building - Darwin, NT
- Mantra at Salt Beach - Kingscliff, NSW
- Norman Hotel - Woolloongabba, QLD
- Novotel - NZ, NSW
- Palazzo Versace - Gold Coast, QLD
- Park Hyatt - Sydney, NSW
- Phoenix Hotel - Gympie, QLD
- Pinctada Cable Beach Resort - Broome, WA
- Port Lincoln Hotel - Port Lincoln, SA
- Porters Plainland Hotel - Plainland, QLD
- Prince Alfred Hotel - Richmond, VIC
- Quay West Resort Noosa - Noosa, QLD
- Railway Hotel - Greymouth, NZ
- Ramada Ballina - Surfers Paradise, QLD
- Royal Pines Gold Coast, QLD
- Rydges Cronulla - Cronulla, NSW
- Shangri-la Resort - Fiji
- Sheraton - Fiji
- Sofitel Resort and Spa - Fiji
- Stamford Plaza Hotel - Auckland, NZ
- Taminga Hotel - Clare, QLD
- The Beach House - Broadbeach, QLD
- The Emu Hotel - Morphet Vale, SA
- The Hackney Hotel - Hackney, SA
- The Highway Inn - Adelaide, SA
- The Lakes Resort - Adelaide, SA
- The Oaks Group - Brisbane, QLD
- The Oaks Resort - Broome, WA
- The Phoenix Hotel - Moree, NSW
- The Rarotongan Beach Resort & Spa - Cook Islands
- Travelodge Docklands - Southland, VIC
- Westin Hotel - NZ, NSW
- YHA The Rocks - Sydney, NSW

Petroleum / Convenience Stores

- BP Service Stations
- Caltex
- Coles Express
- Emirates Petroleum - Egypt, UAE
- Freedom Fuels
- Mobil
- Shell - Pakistan

Restaurants / Bars / Cafes

- 1907 Restaurant & Bar - Perth, WA
- 399 - Northbridge, WA
- Angus Steak House - Auckland, NZ
- Aranda Coffee - Christchurch, NZ
- Aria Restaurant - Brisbane, QLD
- Arjee Bhajee - Christchurch, NZ
- Ash St Bistro - Sydney, NSW
- Artizan Café - Dunsborough, WA
- Atomic Café - Perth, WA
- Bacco Wine Bar - Sydney, NSW
- Baker Boys - Christchurch, NZ
- Bakers Delight - Melbourne, VIC
- Barbeque's Galore - Wagga Wagga, NSW
- Basement Bar - Perth, WA
- Bavarian Bier Café - Sydney, NSW
- Beachmere Tavern - Beachmere, QLD
- Bean & Beyond - Robina, QLD

- Beef & Beach Balcony Restaurant - NSW
- Bite Me Burger - Cronulla, NSW
- Bite Me Burger - Sydney, NSW
- Blue Sky Brewery - Cairns, QLD
- Boardwalk Tavern - Hope Island, QLD
- Bodega - Surry Hills, NSW
- Botswana Butchery, Queenstown, NZ
- Bottom of the Harbour - Balmoral, NSW
- Bread & Spread - NSW
- Breakers Restaurant - NZ
- Breeze Bar - Maroochydore, QLD
- Buddha Bar - Adelaide, SA
- Bully Hayes Restaurant & Bar - Akaroa, NZ
- Butterflies Café - Adelaide, SA
- C.Y. O'Connor Village Pub - Perth, SA
- Café Cee - Glenbrook, NSW
- Café Primo - Adelaide, SA
- Capricorn Tavern - Yeppoon, QLD
- Centennial Parklands Restaurant - Sydney, NSW
- Charlie Lovetts - NSW
- Club Deli - Hervey Bay, QLD
- Columbus Café - Albany, WA
- Columbus Coffee - Auckland, NZ
- Concrete Blonde - Potts Point, NSW
- Coopers Ale House - Adelaide, SA
- Coronet Peak Hotel Restaurant - Queenstown, NZ
- Cottesloe Cellars - Cottesloe, WA
- Dome Coffee - International
- Double Lucky Bar - Perth, WA
- Earth and Sea Pizza - Byron Bay, NSW
- Eatons Hill Hotel - Eatons Hill, QLD
- Empire Kitchen - Coopers Plains, QLD
- Era Café and Wine Bar - Brisbane, QLD
- Esquires Coffee House - Christchurch, NZ
- Euro Bar and Restaurant - Auckland, NZ
- Felix Bar & Bistro - Sydney, NSW
- Fish & Grill - Mareeba, QLD
- Gladstone Bakeries - Gladstone, QLD
- Glass Brasserie - Sydney, NSW
- Global Coffee Solutions - NSW
- Gloria Jeans Coffee - NZ
- Gold Coast Casino Atrium Bar - Broadbeach, QLD
- Good Mood Food Catering - Osborne Park, WA
- Grafton Services Club - NSW
- Halo Restaurant - Perth, WA
- Hammerheads - Auckland, NZ
- Hugo's at Manly - Manly, NSW
- Hugo's Lounge - Darlinghurst, NSW
- Hugo's Pizza - Darlinghurst, NSW
- Iceworks Bar - Brisbane, QLD
- Irish Village - Emeralds, QLD
- Izakaya - Melbourne, VIC
- Jamberoo Mountain Café - Jamberoo, NSW
- Jones the Grocer - VIC
- Kam Fook Restaurant - Bondi Junction, NSW
- Kermadec Ocean Fresh Restaurant - Auckland, NZ
- L'attitude 28 - Geraldton, WA
- Lalola Restaurant - Perth, WA
- Lawrence Estate of Margaret River - WA
- Les Amis Bar - Fortitude Valley, QLD
- Local Tap House - Darlinghurst, NSW
- Lone Star Café and Restaurant - Christchurch, NZ
- Longrain - Sydney, NSW
- Macarthur Tavern - Sydney, NSW
- Mac's Brew Bar - Auckland, NZ
- Maid & Maggie Pub - Adelaide, SA
- Malt Dining - Brisbane, QLD
- Manly Pavilion - NSW
- Marsden Tavern - Yeppoon, QLD
- Max Brenner - Sydney, NSW
- Mayfair Tavern - Emerald, QLD
- Melba Cafes - Auckland, NZ

- Melba's Gold Coast - Surfers Paradise, QLD
- Melbourne Hotel - Brisbane, QLD
- Michel's Restaurant - Townsville, QLD
- Misceos Café and Bar - Christchurch, NZ
- Nando's - Brisbane, QLD
- Oscars Lounge Bar & Restaurant - Sydney, NSW
- Outback Steak Houses - Sydney, NSW
- Panizzi Café - Wollongong, NSW
- Patisserie Tamborino - Five Dock, NSW
- Pendolino - Sydney, NSW
- Pizza Capers - Brisbane, QLD
- Plough Inn Tavern - Brisbane, QLD
- Pony Lounge and Dining - Sydney, NSW
- Pony Neutral Bay - Neutral Bay, NSW
- Porteno - Surry Hills, NSW
- Portofino - Auckland & Wellington, NZ
- Quay Restaurant - Sydney, NSW
- Queens Wharf Brewery - Newcastle, NSW
- Red Herring - Perth, WA
- Red Poppy Bakery - Melbourne, VIC
- Robert Harris Cafes - NZ
- Rockpool Bar and Grill - Sydney, NSW
- Sake - Sydney, NSW
- Sean's Kitchen - Sydney, NSW
- Silk Road - Melbourne, VIC
- Sky City Observatory Restaurant - Auckland, NZ
- Smallbones - Ashburton, NZ
- Soho Bar and Restaurant - Christchurch, NZ
- Sol Square - Christchurch, NZ
- Spice Market - Melbourne, VIC
- Spit Roast - Auckland, NZ
- Spotless Catering - Subiaco, WA
- Steel Bar and Grill - Sydney, NSW
- Steel Espresso - Sydney, NSW
- Subway - International
- Tantra Restaurant - Melbourne, VIC
- Targa Restaurant - Byron Bay, NSW
- The Argyle Hotel - Sydney, NSW
- The Bellrock - Gympie, QLD
- The Coffee Club - QLD
- The Coffee Emporium - NSW
- The Goose Restaurant - Busselton, WA
- The Helm Bar & Kitchen - Hamilton, NZ
- The Italian Village Restaurant - Sydney, NSW
- The Malaya - Sydney, NSW
- The Mandarin Club - Sydney, NSW
- The Pass Café - Byron Bay, NSW
- The Point Restaurant, Ramada - Ballina, NSW
- The Rocks Café - Sydney, NSW
- Toscani's Café and Bar - Surfers Paradise, QLD
- Tosolini's - ACT
- Vapiano - Brisbane, Surfers Paradise, QLD
- Wagamama - Auckland & Christchurch, NZ
- Wembley Wine Bar - Wembley, WA
- Wildfire Restaurant - Auckland, NZ
- Wills Domain Winery - Yallingup, WA
- Wise Winery - Yallingup, WA
- Yogen Früz - Brisbane, QLD
- Zafferano Restaurant - Perth, WA

Other

- 7/11 - VIC
- Channel 10 - Adelaide, SA
- Clarence Corner Book Shop - Brisbane, QLD
- FoodWorks - AUS
- House of Happiness - Bribie Island, QLD
- IGA Stores - VIC
- Marina Mirage - Main Beach, QLD
- Old Coach General Store - Mudgeeraba, QLD
- Reading Cinemas - Australia
- Victor Churchill Butcher - Woollahra, NSW
- Wesley House - Brisbane, QLD

GET THE MOST FROM YOUR REFRIGERATION CABINET MINIMISE POWER CONSUMPTION

The correct setup, positioning, cleaning, maintenance and safe operation of your SKOPE chiller and freezer cabinets are essential to ensure you are getting the most from your refrigeration cabinets and minimising your power consumption.

The following information will help to ensure you get the best possible performance from your SKOPE products. For more detailed remote chiller and freezer installation instructions, see page 112.

For further product installation details, please contact the SKOPE Customer Services Team.

Initial Setup and Operation

1. Read all documentation (instructions/manuals) received with the cabinet before positioning it.
2. Position the cabinet close to its final location adhering to the installation and ventilation guidelines.
3. Remove all packaging materials and transit bolts and ensure air inlets and exhausts are clear.
4. Assemble any necessary parts.
5. Check the cabinet's rating and the Amp capacity of the power outlet before plugging it into a suitable power supply and turning it on.
6. Check the operation of lights and SKOPE Cyclone™ refrigeration system.
7. **Verify the operation of the compressor, evaporator and condenser fans:**
 - Listen for compressor 'switch-on'.
 - Check internal air movement around the system.
 - On some models the compressor and the condenser fan will switch off when the internal operating temperature is reached.
8. Position the shelves to suit and engage shelf clips in support strips.
9. Ensure there is sufficient air space around the contents of the cabinet and stock does not overhang the edges of the shelves, so air can circulate inside the cabinet at all times.
10. Keep air vents and ducts clear.
11. Ensure that the door gaskets form a good seal with the cabinet.

Positioning

1. Position the cabinet to minimise exposure to excessive temperatures, avoiding direct sunlight, warm draughts and kitchen equipment that produces high temperatures e.g. broilers, grillers, ovens and fat fryers.
2. Some cabinets have unique installation requirements. Always check and follow the installation instruction documents provided with each cabinet.
3. Avoid positioning the cabinet in locations where there is high grease and fat content in the air to prevent condenser coil blockage. If this is not possible, implement an appropriate condenser coil cleaning program as preventative maintenance.
4. **Ensure that there is adequate ventilation around the cabinet to release heat build-up. A lack of ventilation will result in poor efficiency, excessive power bills, failed operation and/or a limited refrigeration unit lifespan.**
 - Cabinets with a top mounted SKOPE Cyclone™ refrigeration system require a minimum clearance of 200mm above the top of the unit.
 - Cabinets with a bottom mounted SKOPE Cyclone™ refrigeration system require unobstructed airflow into the under side of the cabinet. Nothing must be placed directly in front of or beneath the cabinet.
 - Pegasus 2/1 cabinets require a minimum of 50mm clearance to either the back or side wall closest to the SKOPE Cyclone™ refrigeration system.
 - Air movement around prep cabinets must not exceed 0.3m/s. Excessive air movement will cause failure of the air curtain.
 - Prep cabinets must not be situated where they will be affected by air conditioning outlets, ventilation fans or air recirculation fans as they will compromise the airflow.
5. Ensure that adequate clearance has been allowed for door swing.
6. Position the cabinet on a level surface for stability and to ensure the pretensioned torsion system doors shut and seal correctly.

Cleaning

1. Inspect the cabinet regularly and clean it at least once a week or as required.
2. Empty the product from the cabinet.
3. Disconnect the cabinet from the power supply (switch off and unplug).
4. **Check the condenser monthly and clean if necessary. The condenser is the finned radiator that is external to the insulated evaporator box.**
 - If the air path through the condenser fins has any visual restriction, use a vacuum cleaner or brush to clear the condenser. SKOPE recommends that the condenser is checked and cleaned by an authorised SKOPE refrigeration mechanic.
5. Wipe the interior and exterior of the cabinet with soapy water.
6. Wash away soap residue.
7. Wax the exterior with automobile polish for extra protection.
8. Do not use abrasive cleaners.
9. Check and clean the door seal gaskets. These may be wiped down with a damp cloth. Ill-fitting door seal gaskets will reduce a cabinet's efficiency and increase power consumption. If the door seal gaskets are not sealing, call SKOPE to arrange a replacement.
10. Reconnect to the power supply and switch on.

For more information on the cleaning required, please see the service manual specific to each product.

Maintenance and Servicing

SKOPE recommends that all cabinets are checked and cleaned by a service professional to ensure you are getting the most from your cabinet.

To ensure your cabinet is operating to its optimum a SKOPE service professional will:

1. Ensure the cabinet is being held at the required temperature, and if necessary, adjust the thermostat controller.
2. Check and clean the condenser. If the condenser coil is badly blocked, the unit must be cleaned out with compressed air and may require the unit to be moved out doors. Dirty condensers can lead to an increase in temperature and power consumption and in some cases compressor and component failure.

3. Check all door gaskets are sealing correctly, adjust door hinges for better alignment, and replace gaskets if necessary.
4. Ensure all the lights are operating correctly.
5. Ensure the condensate tray is clean.
6. Inspect the evaporator coil to ensure there is no excess ice build-up.
7. Check the condition of the power supply cord.

Routine maintenance will reduce the need for major service work on the SKOPE Cyclone™ refrigeration system. If required, the removable externally fitted SKOPE Cyclone™ can be easily exchanged for repair at minimum cost and disruption to you.

Safety Information

1. Disconnect cabinets from the mains power supply before attempting any servicing, maintenance or cleaning.
2. Do not use an appliance for anything other than its intended use.
3. Do not overload the power supply (see the unit's serial rating label).
4. Use only on voltage specified on the rating plate or in the instructions.
5. Ensure adequate ventilation of the refrigeration system.
6. Do not touch moving parts.
7. Do not obstruct grilles or exhaust.
8. Do not probe any opening.
9. Replace the power supply cord if damaged (where special terminations or preparation is required, contact a service agent).

For details on your nearest service professional, call SKOPE's freephone number 0800 947 5673.

REMOTE REFRIGERATION SPECIFICATIONS

Definitions

A remote system excludes a condensing unit (i.e. compressor, condenser assembly etc) and includes the evaporator assembly, electronic controller (excludes TME chiller), TX valve and drain as a standard. Remote system models are indicated by the use of the letter 'r' after the model name e.g. SK650r-2 and SKF1000r.

Installing a SKOPE cabinet with a remote refrigeration system requires adding a condensing unit. SKOPE does not include a condensing unit with their models as its selection depends on varying factors, including:

- Heat load
- Refrigeration load
- Variable operating conditions
- Refrigeration tube diameter and length
- Location and ventilation

A refrigeration installer must check these factors and is responsible for the condensing unit performance and component selection.

Please note: All SKOPE Blast Chillers are supplied with a remote condensing unit capable up to 40m. Remote unit installation is not included in the cost.

SKOPE Specific Remote System Requirements

Installation and Commissioning:

1. A qualified refrigeration engineer must select the correct condensing unit and associated components based on the customer requirements and application.
2. The refrigeration condensing unit must be installed and commissioned by a suitably qualified refrigeration engineer to appropriate standards and a high level of workmanship.
3. The installer must confirm that the controller program is suitable for the required application.
4. The liquid and suction connection pipes are run to the outside of the evaporator box housing, and the suction line should be insulated.
5. SKOPE recommends that the condensing unit be fitted with a receiver. The condensing unit must have dual (high and low) pressure switches fitted.

NB: Multiple cabinets can be run off a single large condensing unit. SKOPE recommends, however, that freezer units use a single condensing unit per cabinet.

Ventilation

1. All refrigeration and freezer cabinets must have a 200mm ventilation space above the SKOPE remote refrigeration system. This applies to all ambient and humidity conditions and is necessary to prevent any condensation forming on the evaporator box and cabinet top.
2. If installation does not allow for the minimum clearances, then an additional fan must be fitted. The fan must have a minimum airflow of 50 litres per second to create air circulation around the evaporator unit. SKOPE does not offer a fan kit for this application.

Drainage

1. A condensate drain must be run from the cabinet to a waste outlet.
2. Ensure the cabinet is level.
3. Ensure the drain is trapped with adequate fall. It must have a minimum fall of 50mm per 1 linear meter of drain.
4. Venting the drain may be required for restrictive run.
5. SKOPE recommends that a hard PVC drain tube is fitted to all remotes to ensure effective drainage. This will reduce the possibility of the drain hose sagging over time, which reduces the effectiveness of the drain.

Electrical

1. SKOPE remote chillers require a 10 Amp (230-240V, 50Hz) supply socket. Other voltages available on request.
2. SKOPE remote chillers are fitted with a mains flex and plug.
3. SKOPE remote freezers are not supplied with a mains flex.
4. The condensing unit requires a dedicated power supply. The type of supply required will be dependent on the type of condensing unit selected.
5. Any new or additional wiring to the cabinet must be performed according to local wiring regulations. Refer to the wiring diagram label fixed to the lid of the evaporator box.

Chiller Rating Conditions

- Remote nominal operating ambient temperature: 32°C (43°C maximum)
- Remote product operating temperature: +1°C to +4°C

Condensing unit should be rated at:

- -5°C SST (Saturated Suction Temperature)
- "Medium Temperature - High Start Torque" Compressor
- Operation basis: 18 hours for every 24 hours

Freezer Rating Conditions

- Remote nominal operating ambient temperature: 32°C (40°C maximum)
- Remote product operating temperature: -18°C to -21°C

Condensing unit should be rated at:

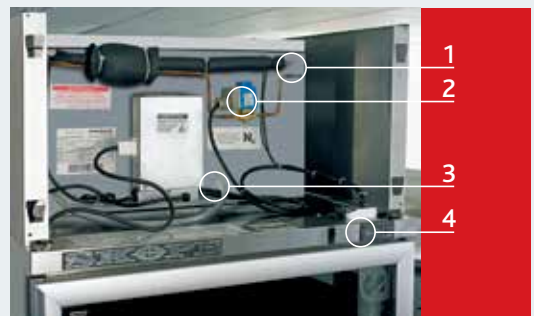
- -30°C SST (Saturated Suction Temperature)
- "Low Temperature - High Start Torque" Compressor
- Operation basis: 18 hours for every 24 hours

Preparation and Pizza Rating Conditions

- Remote nominal operating ambient 30°C (30°C maximum)
- Remote product operating temperature: +1°C to +4°C

Condensing unit should be rated at:

- -15°C SST (Saturated Suction Temperature)
- "Low/ Medium Temperature – High Start Torque" Compressor
- Operation basis: 18 hours for every 24 hours



SK650r - illuminated sign panel removed from front of remote unit.

1. Suction and Liquid line termination points.
2. Solenoid Valve: optional on all remotes.
3. Drain Tube: 600mm long flexible drain hose.
4. Electronic Controller.

GLOSSARY

Model Names

1. **Preparation or prep cabinets:** chiller cabinets designed for food preparation. These cabinets have a ducted well in the top rear of the flat benchtop that pans of prepared ingredients sit in. An air curtain blows air over the pans to ensure even temperatures and that food safety standards can be met.
2. **Lowline chiller cabinets:** low lying cabinets designed to hold hot cooking equipment on the top.
3. **Pizza cabinets:** chiller cabinets designed for food preparation. These cabinets have a ducted well in an angled raised section at the top rear of their benchtop that pans of prepared ingredients sit in. They also have a flat work area at the top front of the cabinet. An air curtain blows air over the pans to ensure even temperatures and that food safety standards can be met.
4. **Under counter cabinets:** cabinets designed to fit under counters or benchtops.
5. **Backbar cabinets:** chiller cabinets designed for bottle storage behind and/or under bars.
6. **Top mounted cabinets:** the refrigeration unit is mounted at the top of the cabinet.
7. **Bottom mounted cabinets:** the refrigeration unit is mounted at the bottom of the cabinet.

Option Definitions

1. **Integral:** a cabinet with a self contained refrigeration system.
2. **Remote:** a cabinet with a separately located refrigeration condensing unit that is not supplied by SKOPE.
3. **Benchtop fascia height:** the height of the front of the benchtop. This height is sometimes different to the overall height added to a cabinet by the benchtop.
4. **Benchtop height:** the height of the benchtop that is added to a cabinet.
5. **S/S:** Stainless Steel.
6. **Solid door:** a metal, foam filled solid door that cannot be seen through.
7. **Sign replacement panel:** a flat metal panel to replace a light sign on top of some vertical cabinets.
8. **Treated coil:** a protective coating on the coil to prevent corrosion, which is caused by uncovered foods, especially fish, eggs, mayonnaise and dressings.
9. **Tropical specification:** the cabinet is designed to operate in very high humidity (up to 85% relative humidity).

Dimensional Tolerances

When specifying chillers or using SKOPE cabinets in designs please allow the following dimensional tolerances.

Linear Dimensions	General Cabinet Dimensions	Length of Multiple Cabinets	
		At each joint	At each end wall
≤ 1 metre	±5mm	±5mm	+15mm
≥ 1 metre	+10mm -5mm	+10mm -5mm	+15mm

10. **Gastronorm 1/1 trays:** Gastronorm standard sized catering trays 530mm long x 325mm wide.
11. **Gastronorm 2/1 trays:** Gastronorm standard sized catering trays 650mm long x 530mm wide.

Glass Terminology

1. **Insulating glass:** this is double glazing. Two or more panes of glass are joined with a sealed air gap between them.
2. **Heated safety glass:** glass which has an electrically heated film attached to remove condensation in the harshest environments.
3. **Argon gas:** a colourless and odourless gas used to fill the airspace between panes of insulating glass. The addition of argon gas increases the thermal performance of a window by minimising heat transfer.
4. **Low/e:** stands for "low emissivity". Low/e glass is safety glass coated with a clear metal oxide film to reduce heat transfer.
5. **Double low/e glass:** two panes of glass coated with a clear metal oxide film to reduce heat transfer.

Glass Option Definitions

1. **Safety glass:** standard glass used on SKOPE chillers. Air filled, double-glazed toughened safety glass.
2. **Low/e:** one pane of safety glass and one pane of low/e glass. Low/e provides more insulation than standard safety glass.
3. **Double low/e argon:** two panes of low/e glass, argon gas filled. Double low/e argon glass provides more insulation than low/e glass.
4. **Double glazed heated safety glass:** two layers of safety glass with a heated film used on chiller cabinets.
5. **Triple glazed heated safety glass:** three layers of safety glass with a heated film used on freezer cabinets.

Temperature Definitions

1. **Product operating temperature:** the temperature of the product stored within the cabinet.
2. **Operating ambient temperature:** the maximum temperature of the environment that the cabinet can operate in and maintain the product temperature.
3. **Relative Humidity or RH:** is the ratio of the amount of water vapor in the air at a specific temperature to the maximum amount of water that the air could hold at that temperature, expressed as a percentage.

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